



**SANY**



# SY60U

**Gross power**

42.4kW/2000rpm

**Bucket capacity**

/

**Operating weight**

6300kg

\* Bucket is optional



High reliability



Excellent performance



Comfortable and convenient



Safe & environmental-friendly

- ◆ The newly designed reinforced structural parts are strong and durable and have a longer service life; the powerful engine that meets the latest international emission standards effectively ensures reliability.
- ◆ It adopts a load-sensitive system and fully optimized main valves and working devices to meet precise control requirements and improve work efficiency. Hengli mian pump HP3V80/AV10RC2S3M has pressure cut-off functions to reduce the over flow loss, and the maximum flow of the hydraulic system can reach 148L/min.
- ◆ The cab has been newly upgraded with a wider field of view. It adopts a high-back mechanical suspension seat to make the driving more comfortable. Optional auxiliary pipelines, quick changes, etc. can be installed to meet diversified needs.
- ◆ The electronic engine emergency stop switch ensures the safety of drivers and passengers; it has low fuel consumption, high energy efficiency, and is environmentally friendly.

# Technical specifications

## Specification

Operating weight	6300 kg	Travel Pressure (maximum)	27 MPa
Ground Pressure	34.9 kPa	Travel Speeds (maximum)	2.2/3.8 km/hr
Engine	Yanmar 4TNV98C-WSY	Travel Effort (maximum)	61.6 kN
Displacement	3.3 L	Swing Motor	Axial Piston with Swing Brake
Gross Power(SAE J1995)	42.4 kW/ 2000rpm	Swing Pressure (maximum)	19.1 MPa
Hydraulics	Load Sensing with Pilot Control	Swing Speed (maximum)	10 RPM
Main Hydraulic Pump	Axial Piston - Variable Displacement	Undercarriage (standard)	Belted Rubber Track
Operating Flow (maximum)	148 L/min	Track Shoe width (standard)	400 mm
Operating Pressure (maximum)	27 MPa	Track Rollers (per side)	5
Travel Motor	Axial Piston with Park Brake	Carrier Rollers (per side)	1

## Machine dimensions

### Overall dimensions (mm)

### SY60U

A. Transport Length	5830
B. Transport Width	2000
C. Transport Height	2530
D. Upper Structure Width	2000
E. Blade Height	340
F. Track Width (standard shoe)	400
G. Track Gauge	1600
H. Ground Clearance (minimum)	320
I. Tail Swing Radius	1350
J. Track Length on Ground	2055
K. Track Length	2580

### Operating range (mm)

### SY60U

a. Maximum Digging Height	5695
b. Maximum Dumping Height	3970
c. Maximum Digging Depth	3990
d. Maximum Vertical Wall Digging Depth	3130
e. Maximum Reach at Ground Level	6375
f. Minimum Swing Radius	2730
g. Maximum Blade Height	400
h. Maximum Blads Depth	385

